

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3	multiplexer and demultiplexer and SONET and (("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation rate"))) and (("transparent multiplexer") or ("t-mux"))	US-PGPUB; USPAT	OR	ON	2004/11/29 01:27
L2	57	multiplexer and demultiplexer and SONET and (("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation rate") or ("error message"))) and (((370/215-219) or (370/222-225) or (370/238) or (370/242) or (370/319) or (370/337) or (370/474) or (370/476) or (370/501) or (370/503) or (370/505) or (370/516) or (370/517) or (370/535-544) or (370/557) or (370/907)).CCLS.)	US-PGPUB; USPAT	OR	ON	2004/11/29 01:27

L3	7	multiplexer and demultiplexer and SONET and ("coding violation") or ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation") or ("signal degradation rate") or ("signal degrade") or ("signal degrade rate") or ("error message") or ("protection switching") or (failover) or (performance near1 monitor\$3)) and ((operations adj administration adj maintenance adj2 provisioning) or ("OAM&P") or ("OAM and P") or (OAMP)) and (((370/215-219) or (370/222-225) or (370/238) or (370/242) or (370/319) or (370/337) or (370/474) or (370/476) or (370/501) or (370/503) or (370/505) or (370/516) or (370/517) or (370/535-544) or (370/557) or (370/907)).CCLS.)	US-PGPUB; USPAT	OR	ON	2004/11/29 01:27
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L4	18	multiplexer and demultiplexer and SONET and ("coding violation") or ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation") or ("signal degradation rate") or ("signal degrade") or ("signal degrade rate") or ("error message") or ("protection switching") or (failover) or (performance near1 monitor\$3)) and ((operations adj administration adj maintenance adj2 provisioning) or ("OAM&P") or ("OAM and P") or (OAMP) or (OAM)) and (overhead) and (((370/215-219) or (370/222-225) or (370/238) or (370/242) or (370/319) or (370/337) or (370/474) or (370/476) or (370/501) or (370/503) or (370/505) or (370/516) or (370/517) or (370/535-544) or (370/557) or (370/907)).CCLS.)	US-PGPUB; USPAT	OR	ON	2004/11/29 01:27
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L5	18	multiplexer and demultiplexer and SONET and ("coding violation") or ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation") or ("signal degradation rate") or ("signal degrade") or ("signal degrade rate") or ("error message") or ("protection switching") or (failover) or (performance near1 monitor\$3)) and ((operations adj administration adj maintenance adj2 provisioning) or ("OAM&P") or ("OAM and P") or (OAMP) or (OAM)) and (overhead) and (((370/215-219) or (370/222-225) or (370/238) or (370/242) or (370/319) or (370/337) or (370/474) or (370/476) or (370/501) or (370/503) or (370/505) or (370/516) or (370/517) or (370/535-544) or (370/557) or (370/907)).CCLS.)	US-PGPUB; USPAT	OR	ON	2004/11/29 02:43
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L6	29	(((370/215-219) or (370/222-225) or (370/238) or (370/242) or (370/241.1) or (370/252) or (370/319) or (370/337) or (370/474) or (370/476) or (370/501) or (370/503) or (370/505) or (370/516) or (370/517) or (370/535-544) or (370/557) or (370/907) or (398/1) or (398/2) or (398/5) or (398/7) or (398/8) or (398/10) or (398/27) or (714/4) or (714/47) or (714/48) or (714/51) or (714/704) or (714/708) or (714/712)).CCLS.) and (multiplexer and demultiplexer and SONET and (("coding violation") or ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation") or ("signal degradation rate") or ("signal degrade") or ("signal degrade rate") or ("error message") or ("protection switching") or (failover) or (performance near1 monitor\$3)) and ((operations adj administration adj maintenance adj2 provisioning) or ("OAM&P") or ("OAM and P") or (OAMP) or (OAM)))	US-PGPUB; USPAT	OR	ON	2004/11/29 01:27
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L7	51	multiplexer and demultiplexer and SONET and optical and (("coding violation") or ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation") or ("signal degradation rate") or ("signal degrade") or ("signal degrade rate") or ("error message") or ("protection switching") or (failover) or (performance near1 monitor\$3)) and ((operations adj administration adj maintenance adj2 provisioning) or ("OAM&P") or ("OAM and P") or (OAMP) or (OAM))	US-PGPUB; USPAT	OR	ON	2004/11/29 01:28
L8	8	multiplexer and demultiplexer and SONET and optical and (("coding violation") or ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation") or ("signal degradation rate") or ("signal degrade") or ("signal degrade rate") or ("error message") or ("protection switching") or (failover) or (performance near1 monitor\$3)) and ((operations adj administration adj maintenance adj2 provisioning) or ("OAM&P") or ("OAM and P") or (OAMP) or (OAM)) and ((bit near1 interleaved near1 parity) or (parity near2 bit near2 field) or (BIP) or (BIP-8))	US-PGPUB; USPAT	OR	ON	2004/11/29 01:28

L9	38	multiplexer and demultiplexer and SONET and optical and (("coding violation") or ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation") or ("signal degradation rate") or ("signal degrade") or ("signal degrade rate") or ("error message")) and ((bit near1 interleaved near1 parity) or (parity near2 bit near2 field) or (BIP) or (BIP-8) or (B1) or (B2) or (B3)) and (STS-1)	US-PGPUB; USPAT	OR	ON	2004/11/29 01:28
L10	7	((("5216666") or ("5283785") or ("5434858") or ("5436890") or ("5579323") or ("6298038") or ("5841760"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/29 01:28
L11	5	"6298038".URPN.	USPAT	OR	ON	2004/11/29 01:28
L12	120	multiplexer and demultiplexer and SONET and (("coding violation") or ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation") or ("signal degradation rate") or ("signal degrade") or ("signal degrade rate") or ("error message") or ("protection switching") or (failover) or (performance near1 monitor\$3)) and (((370/215-219) or (370/222-225) or (370/238) or (370/242) or (370/319) or (370/337) or (370/474) or (370/476) or (370/501) or (370/503) or (370/505) or (370/516) or (370/517) or (370/535-544) or (370/557) or (370/907)).CCLS.)	US-PGPUB; USPAT	OR	ON	2004/11/29 01:28

L13	207	multiplexer and demultiplexer and SONET and optical and (("coding violation") or ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation") or ("signal degradation rate") or ("signal degrade") or ("signal degrade rate") or ("error message")) and ((bit near1 interleaved near1 parity) or (parity near2 bit near2 field) or (BIP) or (BIP-8) or (B1) or (B2) or (B3))	US-PGPUB; USPAT	OR	ON	2004/11/29 01:28
L14	120	multiplexer and demultiplexer and SONET and (("coding violation") or ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation") or ("signal degradation rate") or ("signal degrade") or ("signal degrade rate") or ("error message") or ("protection switching") or (failover) or (performance near1 monitor\$3)) and (((370/215-219) or (370/222-225) or (370/238) or (370/242) or (370/319) or (370/337) or (370/474) or (370/476) or (370/501) or (370/503) or (370/505) or (370/516) or (370/517) or (370/535-544) or (370/557) or (370/907)).CCLS.)	US-PGPUB; USPAT	OR	ON	2004/11/29 01:28

L15	207	multiplexer and demultiplexer and SONET and optical and (("coding violation") or ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation") or ("signal degradation rate") or ("signal degrade") or ("signal degrade rate") or ("error message")) and ((bit near1 interleaved near1 parity) or (parity near2 bit near2 field) or (BIP) or (BIP-8) or (B1) or (B2) or (B3))	US-PGPUB; USPAT	OR	ON	2004/11/29 01:28
L16	3	multiplexer and demultiplexer and SONET and (("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation rate")) and (("transparent multiplexer") or ("t-mux"))	US-PGPUB; USPAT	OR	ON	2004/11/29 02:23
L17	57	multiplexer and demultiplexer and SONET and (("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation rate") or ("error message")) and (((370/215-219) or (370/222-225) or (370/238) or (370/242) or (370/319) or (370/337) or (370/474) or (370/476) or (370/501) or (370/503) or (370/505) or (370/516) or (370/517) or (370/535-544) or (370/557) or (370/907)).CCLS.)	US-PGPUB; USPAT	OR	ON	2004/11/29 02:23

L18	7	multiplexer and demultiplexer and SONET and (("coding violation") or ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation") or ("signal degradation rate") or ("signal degrade") or ("signal degrade rate") or ("error message") or ("protection switching") or (failover) or (performance near1 monitor\$3)) and ((operations adj administration adj maintenance adj2 provisioning) or ("OAM&P") or ("OAM and P") or (OAMP)) and (((370/215-219) or (370/222-225) or (370/238) or (370/242) or (370/319) or (370/337) or (370/474) or (370/476) or (370/501) or (370/503) or (370/505) or (370/516) or (370/517) or (370/535-544) or (370/557) or (370/907)).CCLS.)	US-PGPUB; USPAT	OR	ON	2004/11/29 02:23
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L19	18	multiplexer and demultiplexer and SONET and (("coding violation") or ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation") or ("signal degradation rate") or ("signal degrade") or ("signal degrade rate") or ("error message") or ("protection switching") or (failover) or (performance near1 monitor\$3)) and ((operations adj administration adj maintenance adj2 provisioning) or ("OAM&P") or ("OAM and P") or (OAMP) or (OAM)) and (overhead) and (((370/215-219) or (370/222-225) or (370/238) or (370/242) or (370/319) or (370/337) or (370/474) or (370/476) or (370/501) or (370/503) or (370/505) or (370/516) or (370/517) or (370/535-544) or (370/557) or (370/907)).CCLS.)	US-PGPUB; USPAT	OR	ON	2004/11/29 02:23
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L20	18	multiplexer and demultiplexer and SONET and ("coding violation") or ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation") or ("signal degradation rate") or ("signal degrade") or ("signal degrade rate") or ("error message") or ("protection switching") or (failover) or (performance near1 monitor\$3)) and ((operations adj administration adj maintenance adj2 provisioning) or ("OAM&P") or ("OAM and P") or (OAMP) or (OAM)) and (overhead) and (((370/215-219) or (370/222-225) or (370/238) or (370/242) or (370/319) or (370/337) or (370/474) or (370/476) or (370/501) or (370/503) or (370/505) or (370/516) or (370/517) or (370/535-544) or (370/557) or (370/907)).CCLS.)	US-PGPUB; USPAT	OR	ON	2004/11/29 02:23
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L21	29	(((370/215-219) or (370/222-225) or (370/238) or (370/242) or (370/241.1) or (370/252) or (370/319) or (370/337) or (370/474) or (370/476) or (370/501) or (370/503) or (370/505) or (370/516) or (370/517) or (370/535-544) or (370/557) or (370/907) or (398/1) or (398/2) or (398/5) or (398/7) or (398/8) or (398/10) or (398/27) or (714/4) or (714/47) or (714/48) or (714/51) or (714/704) or (714/708) or (714/712)).CCLS.) and (multiplexer and demultiplexer and SONET and (("coding violation") or ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation") or ("signal degradation rate") or ("signal degrade") or ("signal degrade rate") or ("error message") or ("protection switching") or (failover) or (performance near1 monitor\$3)) and ((operations adj administration adj maintenance adj2 provisioning) or ("OAM&P") or ("OAM and P") or (OAMP) or (OAM)))	US-PGPUB; USPAT	OR	ON	2004/11/29 02:23
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L22	51	multiplexer and demultiplexer and SONET and optical and (("coding violation") or ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation") or ("signal degradation rate") or ("signal degrade") or ("signal degrade rate") or ("error message") or ("protection switching") or (failover) or (performance near1 monitor\$3)) and ((operations adj administration adj maintenance adj2 provisioning) or ("OAM&P") or ("OAM and P") or (OAMP) or (OAM))	US-PGPUB; USPAT	OR	ON	2004/11/29 02:23
L23	8	multiplexer and demultiplexer and SONET and optical and (("coding violation") or ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation") or ("signal degradation rate") or ("signal degrade") or ("signal degrade rate") or ("error message") or ("protection switching") or (failover) or (performance near1 monitor\$3)) and ((operations adj administration adj maintenance adj2 provisioning) or ("OAM&P") or ("OAM and P") or (OAMP) or (OAM)) and ((bit near1 interleaved near1 parity) or (parity near2 bit near2 field) or (BIP) or (BIP-8))	US-PGPUB; USPAT	OR	ON	2004/11/29 02:23

L24	38	multiplexer and demultiplexer and SONET and optical and (("coding violation") or ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation") or ("signal degradation rate") or ("signal degrade") or ("signal degrade rate") or ("error message")) and ((bit near1 interleaved near1 parity) or (parity near2 bit near2 field) or (BIP) or (BIP-8) or (B1) or (B2) or (B3)) and (STS-1)	US-PGPUB; USPAT	OR	ON	2004/11/29 02:23
L25	7	((("5216666") or ("5283785") or ("5434858") or ("5436890") or ("5579323") or ("6298038") or ("5841760")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/29 02:23
L26	5	"6298038".URPN.	USPAT	OR	ON	2004/11/29 02:23
L27	120	multiplexer and demultiplexer and SONET and (("coding violation") or ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation") or ("signal degradation rate") or ("signal degrade") or ("signal degrade rate") or ("error message") or ("protection switching") or (failover) or (performance near1 monitor\$3)) and (((370/215-219) or (370/222-225) or (370/238) or (370/242) or (370/319) or (370/337) or (370/474) or (370/476) or (370/501) or (370/503) or (370/505) or (370/516) or (370/517) or (370/535-544) or (370/557) or (370/907)).CCLS.)	US-PGPUB; USPAT	OR	ON	2004/11/29 02:43

L28	120	multiplexer and demultiplexer and SONET and ("coding violation") or ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation") or ("signal degradation rate") or ("signal degrade") or ("signal degrade rate") or ("error message") or ("protection switching") or (failover) or (performance near1 monitor\$3)) and (((370/215-219) or (370/222-225) or (370/238) or (370/242) or (370/319) or (370/337) or (370/474) or (370/476) or (370/501) or (370/503) or (370/505) or (370/516) or (370/517) or (370/535-544) or (370/557) or (370/907)).CCLS.)	US-PGPUB; USPAT	OR	ON	2004/11/29 02:23
L29	207	multiplexer and demultiplexer and SONET and optical and ("coding violation") or ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation") or ("signal degradation rate") or ("signal degrade") or ("signal degrade rate") or ("error message")) and ((bit near1 interleaved near1 parity) or (parity near2 bit near2 field) or (BIP) or (BIP-8) or (B1) or (B2) or (B3))	US-PGPUB; USPAT	OR	ON	2004/11/29 02:23

L30	207	multiplexer and demultiplexer and SONET and optical and (("coding violation") or ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation") or ("signal degradation rate") or ("signal degrade") or ("signal degrade rate") or ("error message")) and ((bit near1 interleaved near1 parity) or (parity near2 bit near2 field) or (BIP) or (BIP-8) or (B1) or (B2) or (B3))	US-PGPUB; USPAT	OR	ON	2004/11/29 02:23
S1	366	multiplexer and demultiplexer and SONET and (("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ration") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation rate"))	US-PGPUB; USPAT	OR	ON	2004/11/02 11:28
S2	366	multiplexer and demultiplexer and SONET and (("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation rate"))	US-PGPUB; USPAT	OR	ON	2004/11/02 11:28
S3	0	multiplexer and demultiplexer and SONET and (("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation rate")) and ("SD message")	US-PGPUB; USPAT	OR	ON	2004/11/02 11:28

S4	3	multiplexer and demultiplexer and SONET and ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation rate")) and ("transparent multiplexer" or ("t-mux"))	US-PGPUB; USPAT	OR	ON	2004/11/02 11:28
S5	7660	((370/215-219) or (370/222-225) or (370/238) or (370/242) or (370/319) or (370/337) or (370/501) or (370/503) or (370/505) or (370/516) or (370/517) or (370/535-543) or (370/557)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/02 11:28
S6	7738	((370/215-219) or (370/222-225) or (370/238) or (370/242) or (370/319) or (370/337) or (370/501) or (370/503) or (370/505) or (370/516) or (370/517) or (370/535-543) or (370/557) or (370/907)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/02 11:28
S7	8894	((370/215-219) or (370/222-225) or (370/238) or (370/242) or (370/319) or (370/337) or (370/474) or (370/476) or (370/501) or (370/503) or (370/505) or (370/516) or (370/517) or (370/535-544) or (370/557) or (370/907)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/02 11:29
S8	51	multiplexer and demultiplexer and SONET and ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation rate")) and (((370/215-219) or (370/222-225) or (370/238) or (370/242) or (370/319) or (370/337) or (370/474) or (370/476) or (370/501) or (370/503) or (370/505) or (370/516) or (370/517) or (370/535-544) or (370/557) or (370/907)).CCLS.)	US-PGPUB; USPAT	OR	ON	2004/11/02 11:29

S9	113	multiplexer and demultiplexer and SONET and ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation rate") or ("error message") or ("protection switching") or (failover) or (performance near1 monitor\$3)) and (((370/215-219) or (370/222-225) or (370/238) or (370/242) or (370/319) or (370/337) or (370/474) or (370/476) or (370/501) or (370/503) or (370/505) or (370/516) or (370/517) or (370/535-544) or (370/557) or (370/907)).CCLS.)	US-PGPUB; USPAT	OR	ON	2004/11/02 11:29
S10	118	multiplexer and demultiplexer and SONET and ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation") or ("signal degradation rate") or ("signal degrade") or ("signal degrade rate") or ("error message") or ("protection switching") or (failover) or (performance near1 monitor\$3)) and (((370/215-219) or (370/222-225) or (370/238) or (370/242) or (370/319) or (370/337) or (370/474) or (370/476) or (370/501) or (370/503) or (370/505) or (370/516) or (370/517) or (370/535-544) or (370/557) or (370/907)).CCLS.)	US-PGPUB; USPAT	OR	ON	2004/11/02 11:29

S11	119	<p>multiplexer and demultiplexer and SONET and ("coding violation") or ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation") or ("signal degradation rate") or ("signal degrade") or ("signal degrade rate") ("SD") or ("SD message") or ("error message") or ("protection switching") or (failover) or (performance near1 monitor\$3)) and (((370/215-219) or (370/222-225) or (370/238) or (370/242) or (370/319) or (370/337) or (370/474) or (370/476) or (370/501) or (370/503) or (370/505) or (370/516) or (370/517) or (370/535-544) or (370/557) or (370/907)).CCLS.)</p>	US-PGPUB; USPAT	OR	ON	2004/11/02 11:29
S12	0	<p>multiplexer and demultiplexer and SONET and ("coding violation") or ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation") or ("signal degradation rate") or ("signal degrade") or ("signal degrade rate") or ("SD") or ("SD message") or ("error message") or ("protection switching") or (failover) or (performance near1 monitor\$3)) and (((B adj "3") adj (message)) or (SD adj message)) and (((370/215-219) or (370/222-225) or (370/238) or (370/242) or (370/319) or (370/337) or (370/474) or (370/476) or (370/501) or (370/503) or (370/505) or (370/516) or (370/517) or (370/535-544) or (370/557) or (370/907)).CCLS.)</p>	US-PGPUB; USPAT	OR	ON	2004/11/02 11:30

S13	21	multiplexer and demultiplexer and SONET and ("coding violation") or ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation") or ("signal degradation rate") or ("signal degrade") or ("signal degrade rate") or ("error message") or ("protection switching") or (failover) or (performance near1 monitor\$3)) and ((operations adj administration adj maintenance adj2 provisioning) or ("OAM&P") or ("OAM and P") or (OAMP) or (OAM)) and (((370/215-219) or (370/222-225) or (370/238) or (370/242) or (370/319) or (370/337) or (370/474) or (370/476) or (370/501) or (370/503) or (370/505) or (370/516) or (370/517) or (370/535-544) or (370/557) or (370/907)).CCLS.)	US-PGPUB; USPAT	OR	ON	2004/11/02 11:30
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S14	97	multiplexer and demultiplexer and SONET and ("coding violation") or ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation") or ("signal degradation rate") or ("signal degrade") or ("signal degrade rate") or ("error message") or ("protection switching") or (failover) or (performance near1 monitor\$3)) and ((operations adj administration adj maintenance adj2 provisioning) or ("OAM&P") or ("OAM and P") or (OAMP) or (OAM) or (overhead)) and (((370/215-219) or (370/222-225) or (370/238) or (370/242) or (370/319) or (370/337) or (370/474) or (370/476) or (370/501) or (370/503) or (370/505) or (370/516) or (370/517) or (370/535-544) or (370/557) or (370/907)).CCLS.)	US-PGPUB; USPAT	OR	ON	2004/11/02 11:30
S15	3	multiplexer and demultiplexer and SONET and ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation rate")) and (("transparent multiplexer") or ("t-mux"))	US-PGPUB; USPAT	OR	ON	2004/11/02 11:33

S16	55	multiplexer and demultiplexer and SONET and ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation rate") or ("error message")) and (((370/215-219) or (370/222-225) or (370/238) or (370/242) or (370/319) or (370/337) or (370/474) or (370/476) or (370/501) or (370/503) or (370/505) or (370/516) or (370/517) or (370/535-544) or (370/557) or (370/907)).CCLS.)	US-PGPUB; USPAT	OR	ON	2004/11/02 11:33
S17	7	multiplexer and demultiplexer and SONET and ("coding violation") or ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation") or ("signal degradation rate") or ("signal degrade") or ("signal degrade rate") or ("error message") or ("protection switching") or (failover) or (performance near1 monitor\$3)) and ((operations adj administration adj maintenance adj2 provisioning) or ("OAM&P") or ("OAM and P") or (OAMP)) and (((370/215-219) or (370/222-225) or (370/238) or (370/242) or (370/319) or (370/337) or (370/474) or (370/476) or (370/501) or (370/503) or (370/505) or (370/516) or (370/517) or (370/535-544) or (370/557) or (370/907)).CCLS.)	US-PGPUB; USPAT	OR	ON	2004/11/02 11:33

S18	118	multiplexer and demultiplexer and SONET and ("coding violation") or ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation") or ("signal degradation rate") or ("signal degrade") or ("signal degrade rate") or ("error message") or ("protection switching") or (failover) or (performance near1 monitor\$3)) and (((370/215-219) or (370/222-225) or (370/238) or (370/242) or (370/319) or (370/337) or (370/474) or (370/476) or (370/501) or (370/503) or (370/505) or (370/516) or (370/517) or (370/535-544) or (370/557) or (370/907)).CCLS.)	US-PGPUB; USPAT	OR	ON	2004/11/02 11:33
S19	18	multiplexer and demultiplexer and SONET and ("coding violation") or ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation") or ("signal degradation rate") or ("signal degrade") or ("signal degrade rate") or ("error message") or ("protection switching") or (failover) or (performance near1 monitor\$3)) and ((operations adj administration adj maintenance adj2 provisioning) or ("OAM&P") or ("OAM and P") or (OAMP) or (OAM)) and (overhead) and (((370/215-219) or (370/222-225) or (370/238) or (370/242) or (370/319) or (370/337) or (370/474) or (370/476) or (370/501) or (370/503) or (370/505) or (370/516) or (370/517) or (370/535-544) or (370/557) or (370/907)).CCLS.)	US-PGPUB; USPAT	OR	ON	2004/11/02 11:33

S20	15045	((370/215-219) or (370/222-225) or (370/238) or (370/242) or (370/241.1) or (370/252) or (370/319) or (370/337) or (370/474) or (370/476) or (370/501) or (370/503) or (370/505) or (370/516) or (370/517) or (370/535-544) or (370/557) or (370/907) or (398/1) or (398/2) or (398/5) or (398/7) or (398/8) or (398/10) or (398/27) or (714/4) or (714/47) or (714/48) or (714/51) or (714/704) or (714/708) or (714/712)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/02 11:34
S21	314	multiplexer and demultiplexer and SONET and (("coding violation") or ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation") or ("signal degradation rate") or ("signal degrade") or ("signal degrade rate") or ("error message") or ("protection switching") or (failover) or (performance near1 monitor\$3)) and ((operations adj administration adj maintenance adj2 provisioning) or ("OAM&P") or ("OAM and P") or (OAMP) or (OAM) or (overhead))	US-PGPUB; USPAT	OR	ON	2004/11/02 11:34
S22	3	multiplexer and demultiplexer and SONET and (("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation rate")) and (("transparent multiplexer") or ("t-mux"))	US-PGPUB; USPAT	OR	ON	2004/11/02 11:34

S23	388	multiplexer and demultiplexer and SONET and ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation rate") or ("error message"))	US-PGPUB; USPAT	OR	ON	2004/11/02 11:34
S24	388	multiplexer and demultiplexer and SONET and ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation rate") or ("error message"))	US-PGPUB; USPAT	OR	ON	2004/11/02 11:35
S25	24	multiplexer and demultiplexer and SONET and ("coding violation") or ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation") or ("signal degradation rate") or ("signal degrade") or ("signal degrade rate") or ("error message") or ("protection switching") or (failover) or (performance near1 monitor\$3)) and ((operations adj administration adj maintenance adj2 provisioning) or ("OAM&P") or ("OAM and P") or (OAMP))	US-PGPUB; USPAT	OR	ON	2004/11/02 11:35

S26	40	multiplexer and demultiplexer and SONET and (("coding violation") or ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation") or ("signal degradation rate") or ("signal degrade") or ("signal degrade rate") or ("error message") or ("protection switching") or (failover) or (performance near1 monitor\$3)) and ((operations adj administration adj maintenance adj2 provisioning) or ("OAM&P") or ("OAM and P") or (OAMP) or (OAM)) and (overhead)	US-PGPUB; USPAT	OR	ON	2004/11/02 11:35
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S27	119	(((370/215-219) or (370/222-225) or (370/238) or (370/242) or (370/241.1) or (370/252) or (370/319) or (370/337) or (370/474) or (370/476) or (370/501) or (370/503) or (370/505) or (370/516) or (370/517) or (370/535-544) or (370/557) or (370/907) or (398/1) or (398/2) or (398/5) or (398/7) or (398/8) or (398/10) or (398/27) or (714/4) or (714/47) or (714/48) or (714/51) or (714/704) or (714/708) or (714/712)).CCLS.) and (multiplexer and demultiplexer and SONET and (("coding violation") or ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation") or ("signal degradation rate") or ("signal degrade") or ("signal degrade rate") or ("error message") or ("protection switching") or (failover) or (performance near1 monitor\$3)) and ((operations adj administration adj maintenance adj2 provisioning) or ("OAM&P") or ("OAM and P") or (OAMP) or (OAM) or (overhead)))	US-PGPUB; USPAT	OR	ON	2004/11/02 11:35
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S28	28	(((370/215-219) or (370/222-225) or (370/238) or (370/242) or (370/241.1) or (370/252) or (370/319) or (370/337) or (370/474) or (370/476) or (370/501) or (370/503) or (370/505) or (370/516) or (370/517) or (370/535-544) or (370/557) or (370/907) or (398/1) or (398/2) or (398/5) or (398/7) or (398/8) or (398/10) or (398/27) or (714/4) or (714/47) or (714/48) or (714/51) or (714/704) or (714/708) or (714/712)).CCLS.) and (multiplexer and demultiplexer and SONET and (("coding violation") or ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation") or ("signal degradation rate") or ("signal degrade") or ("signal degrade rate") or ("error message") or ("protection switching") or (failover) or (performance near1 monitor\$3)) and ((operations adj administration adj maintenance adj2 provisioning) or ("OAM&P") or ("OAM and P") or (OAMP) or (OAM)))	US-PGPUB; USPAT	OR	ON	2004/11/02 11:36
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S29	3	(((370/215-219) or (370/222-225) or (370/238) or (370/242) or (370/241.1) or (370/252) or (370/319) or (370/337) or (370/474) or (370/476) or (370/501) or (370/503) or (370/505) or (370/516) or (370/517) or (370/535-544) or (370/557) or (370/907) or (398/1) or (398/2) or (398/5) or (398/7) or (398/8) or (398/10) or (398/27) or (714/4) or (714/47) or (714/48) or (714/51) or (714/704) or (714/708) or (714/712)).CCLS.) and (multiplexer and demultiplexer and SONET and (("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation rate"))) and (("transparent multiplexer") or ("t-mux")))	US-PGPUB; USPAT	OR	ON	2004/11/02 11:36
S30	88	(((370/215-219) or (370/222-225) or (370/238) or (370/242) or (370/241.1) or (370/252) or (370/319) or (370/337) or (370/474) or (370/476) or (370/501) or (370/503) or (370/505) or (370/516) or (370/517) or (370/535-544) or (370/557) or (370/907) or (398/1) or (398/2) or (398/5) or (398/7) or (398/8) or (398/10) or (398/27) or (714/4) or (714/47) or (714/48) or (714/51) or (714/704) or (714/708) or (714/712)).CCLS.) and (multiplexer and demultiplexer and SONET and (("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation rate") or ("error message")))	US-PGPUB; USPAT	OR	ON	2004/11/02 11:36

S31	88	(((370/215-219) or (370/222-225) or (370/238) or (370/242) or (370/241.1) or (370/252) or (370/319) or (370/337) or (370/474) or (370/476) or (370/501) or (370/503) or (370/505) or (370/516) or (370/517) or (370/535-544) or (370/557) or (370/907) or (398/1) or (398/2) or (398/5) or (398/7) or (398/8) or (398/10) or (398/27) or (714/4) or (714/47) or (714/48) or (714/51) or (714/704) or (714/708) or (714/712)).CCLS.) and (multiplexer and demultiplexer and SONET and ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation rate") or ("error message")))	US-PGPUB; USPAT	OR	ON	2004/11/02 11:36
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S32	11	(((370/215-219) or (370/222-225) or (370/238) or (370/242) or (370/241.1) or (370/252) or (370/319) or (370/337) or (370/474) or (370/476) or (370/501) or (370/503) or (370/505) or (370/516) or (370/517) or (370/535-544) or (370/557) or (370/907) or (398/1) or (398/2) or (398/5) or (398/7) or (398/8) or (398/10) or (398/27) or (714/4) or (714/47) or (714/48) or (714/51) or (714/704) or (714/708) or (714/712)).CCLS.) and (multiplexer and demultiplexer and SONET and (("coding violation") or ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation") or ("signal degradation rate") or ("signal degrade") or ("signal degrade rate") or ("error message") or ("protection switching") or (failover) or (performance near1 monitor\$3)) and ((operations adj administration adj maintenance adj2 provisioning) or ("OAM&P") or ("OAM and P") or (OAMP)))	US-PGPUB; USPAT	OR	ON	2004/11/02 11:37
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S33	23	(((370/215-219) or (370/222-225) or (370/238) or (370/242) or (370/241.1) or (370/252) or (370/319) or (370/337) or (370/474) or (370/476) or (370/501) or (370/503) or (370/505) or (370/516) or (370/517) or (370/535-544) or (370/557) or (370/907) or (398/1) or (398/2) or (398/5) or (398/7) or (398/8) or (398/10) or (398/27) or (714/4) or (714/47) or (714/48) or (714/51) or (714/704) or (714/708) or (714/712)).CCLS.) and (multiplexer and demultiplexer and SONET and ("coding violation") or ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation") or ("signal degradation rate") or ("signal degrade") or ("signal degrade rate") or ("error message") or ("protection switching") or (failover) or (performance near1 monitor\$3)) and ((operations adj administration adj maintenance adj2 provisioning) or ("OAM&P") or ("OAM and P") or (OAMP) or (OAM)) and (overhead))	US-PGPUB; USPAT	OR	ON	2004/11/02 11:37
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S34	52	multiplexer and demultiplexer and SONET and ("coding violation") or ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation") or ("signal degradation rate") or ("signal degrade") or ("signal degrade rate") or ("error message") or ("protection switching") or (failover) or (performance near1 monitor\$3)) and ((operations adj administration adj maintenance adj2 provisioning) or ("OAM&P") or ("OAM and P") or (OAMP) or (OAM))	US-PGPUB; USPAT	OR	ON	2004/11/02 12:02
S35	49	multiplexer and demultiplexer and SONET and optical and (("coding violation") or ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation") or ("signal degradation rate") or ("signal degrade") or ("signal degrade rate") or ("error message") or ("protection switching") or (failover) or (performance near1 monitor\$3)) and ((operations adj administration adj maintenance adj2 provisioning) or ("OAM&P") or ("OAM and P") or (OAMP) or (OAM))	US-PGPUB; USPAT	OR	ON	2004/11/02 15:02

S36	5	<p>multiplexer and demultiplexer and SONET and optical and ("coding violation") or ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation") or ("signal degradation rate") or ("signal degrade") or ("signal degrade rate") or ("error message") or ("protection switching") or (failover) or (performance near1 monitor\$3)) and ((operations adj administration adj maintenance adj2 provisioning) or ("OAM&P") or ("OAM and P") or (OAMP) or (OAM)) and ((bit near1 interleaved near1 parity) or (BIP) or (BIP-8))</p>	US-PGPUB; USPAT	OR	ON	2004/11/02 15:04
S37	8	<p>multiplexer and demultiplexer and SONET and optical and ("coding violation") or ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation") or ("signal degradation rate") or ("signal degrade") or ("signal degrade rate") or ("error message") or ("protection switching") or (failover) or (performance near1 monitor\$3)) and ((operations adj administration adj maintenance adj2 provisioning) or ("OAM&P") or ("OAM and P") or (OAMP) or (OAM)) and ((bit near1 interleaved near1 parity) or (parity near2 bit near2 field) or (BIP) or (BIP-8))</p>	US-PGPUB; USPAT	OR	ON	2004/11/04 02:20

S38	204	multiplexer and demultiplexer and SONET and optical and (("coding violation") or ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation") or ("signal degradation rate") or ("signal degrade") or ("signal degrade rate") or ("error message")) and ((bit near1 interleaved near1 parity) or (parity near2 bit near2 field) or (BIP) or (BIP-8) or (B1) or (B2) or (B3))	US-PGPUB; USPAT	OR	ON	2004/11/04 02:22
S39	38	multiplexer and demultiplexer and SONET and optical and (("coding violation") or ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation") or ("signal degradation rate") or ("signal degrade") or ("signal degrade rate") or ("error message")) and ((bit near1 interleaved near1 parity) or (parity near2 bit near2 field) or (BIP) or (BIP-8) or (B1) or (B2) or (B3)) and (STS-1)	US-PGPUB; USPAT	OR	ON	2004/11/04 08:05
S40	7	((("5216666") or ("5283785") or ("5434858") or ("5436890") or ("5579323") or ("6298038") or ("5841760"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/04 08:06
S41	5	"6298038".URPN.	USPAT	OR	ON	2004/11/04 08:06
S42	369	multiplexer and demultiplexer and SONET and (("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ration") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation rate"))	US-PGPUB; USPAT	OR	ON	2004/11/16 20:09

S43	369	multiplexer and demultiplexer and SONET and (("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation rate"))	US-PGPUB; USPAT	OR	ON	2004/11/16 20:09
S44	0	multiplexer and demultiplexer and SONET and (("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation rate")) and ("SD message")	US-PGPUB; USPAT	OR	ON	2004/11/16 20:09
S45	3	multiplexer and demultiplexer and SONET and (("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation rate")) and ("transparent multiplexer" or ("t-mux"))	US-PGPUB; USPAT	OR	ON	2004/11/16 20:09
S46	8000	((370/215-219) or (370/222-225) or (370/238) or (370/242) or (370/319) or (370/337) or (370/501) or (370/503) or (370/505) or (370/516) or (370/517) or (370/535-543) or (370/557)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/16 20:09
S47	8079	((370/215-219) or (370/222-225) or (370/238) or (370/242) or (370/319) or (370/337) or (370/501) or (370/503) or (370/505) or (370/516) or (370/517) or (370/535-543) or (370/557) or (370/907)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/16 20:09

S48	9251	((370/215-219) or (370/222-225) or (370/238) or (370/242) or (370/319) or (370/337) or (370/474) or (370/476) or (370/501) or (370/503) or (370/505) or (370/516) or (370/517) or (370/535-544) or (370/557) or (370/907)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/16 20:09
S49	51	multiplexer and demultiplexer and SONET and (("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation rate"))) and (((370/215-219) or (370/222-225) or (370/238) or (370/242) or (370/319) or (370/337) or (370/474) or (370/476) or (370/501) or (370/503) or (370/505) or (370/516) or (370/517) or (370/535-544) or (370/557) or (370/907)).CCLS.)	US-PGPUB; USPAT	OR	ON	2004/11/16 20:09
S50	113	multiplexer and demultiplexer and SONET and (("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation rate") or ("error message") or ("protection switching") or (failover) or (performance near1 monitor\$3)) and (((370/215-219) or (370/222-225) or (370/238) or (370/242) or (370/319) or (370/337) or (370/474) or (370/476) or (370/501) or (370/503) or (370/505) or (370/516) or (370/517) or (370/535-544) or (370/557) or (370/907)).CCLS.)	US-PGPUB; USPAT	OR	ON	2004/11/16 20:09

S51	118	<p>multiplexer and demultiplexer and SONET and ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation") or ("signal degradation rate") or ("signal degrade") or ("signal degrade rate") or ("error message") or ("protection switching") or (failover) or (performance near1 monitor\$3)) and (((370/215-219) or (370/222-225) or (370/238) or (370/242) or (370/319) or (370/337) or (370/474) or (370/476) or (370/501) or (370/503) or (370/505) or (370/516) or (370/517) or (370/535-544) or (370/557) or (370/907)).CCLS.)</p>	US-PGPUB; USPAT	OR	ON	2004/11/16 20:09
S52	119	<p>multiplexer and demultiplexer and SONET and ("coding violation") or ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation") or ("signal degradation rate") or ("signal degrade") or ("signal degrade rate") ("SD") or ("SD message") or ("error message") or ("protection switching") or (failover) or (performance near1 monitor\$3)) and (((370/215-219) or (370/222-225) or (370/238) or (370/242) or (370/319) or (370/337) or (370/474) or (370/476) or (370/501) or (370/503) or (370/505) or (370/516) or (370/517) or (370/535-544) or (370/557) or (370/907)).CCLS.)</p>	US-PGPUB; USPAT	OR	ON	2004/11/16 20:09

S53	0	multiplexer and demultiplexer and SONET and ("coding violation") or ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation") or ("signal degradation rate") or ("signal degrade") or ("signal degrade rate") or ("SD") or ("SD message") or ("error message") or ("protection switching") or (failover) or (performance near1 monitor\$3)) and (((B adj "3") adj (message)) or (SD adj message)) and (((370/215-219) or (370/222-225) or (370/238) or (370/242) or (370/319) or (370/337) or (370/474) or (370/476) or (370/501) or (370/503) or (370/505) or (370/516) or (370/517) or (370/535-544) or (370/557) or (370/907)).CCLS.)	US-PGPUB; USPAT	OR	ON	2004/11/16 20:09
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S54	21	multiplexer and demultiplexer and SONET and ("coding violation") or ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation") or ("signal degradation rate") or ("signal degrade") or ("signal degrade rate") or ("error message") or ("protection switching") or (failover) or (performance near1 monitor\$3)) and ((operations adj administration adj maintenance adj2 provisioning) or ("OAM&P") or ("OAM and P") or (OAMP) or (OAM)) and (((370/215-219) or (370/222-225) or (370/238) or (370/242) or (370/319) or (370/337) or (370/474) or (370/476) or (370/501) or (370/503) or (370/505) or (370/516) or (370/517) or (370/535-544) or (370/557) or (370/907)).CCLS.)	US-PGPUB; USPAT	OR	ON	2004/11/16 20:09
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S55	97	multiplexer and demultiplexer and SONET and ("coding violation") or ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation") or ("signal degradation rate") or ("signal degrade") or ("signal degrade rate") or ("error message") or ("protection switching") or (failover) or (performance near1 monitor\$3)) and ((operations adj administration adj maintenance adj2 provisioning) or ("OAM&P") or ("OAM and P") or (OAMP) or (OAM) or (overhead)) and (((370/215-219) or (370/222-225) or (370/238) or (370/242) or (370/319) or (370/337) or (370/474) or (370/476) or (370/501) or (370/503) or (370/505) or (370/516) or (370/517) or (370/535-544) or (370/557) or (370/907)).CCLS.)	US-PGPUB; USPAT	OR	ON	2004/11/16 20:09
S56	3	multiplexer and demultiplexer and SONET and ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation rate")) and (("transparent multiplexer") or ("t-mux"))	US-PGPUB; USPAT	OR	ON	2004/11/16 20:09

S57	55	multiplexer and demultiplexer and SONET and ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation rate") or ("error message")) and (((370/215-219) or (370/222-225) or (370/238) or (370/242) or (370/319) or (370/337) or (370/474) or (370/476) or (370/501) or (370/503) or (370/505) or (370/516) or (370/517) or (370/535-544) or (370/557) or (370/907)).CCLS.)	US-PGPUB; USPAT	OR	ON	2004/11/16 20:09
S58	7	multiplexer and demultiplexer and SONET and ("coding violation") or ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation") or ("signal degradation rate") or ("signal degrade") or ("signal degrade rate") or ("error message") or ("protection switching") or (failover) or (performance near1 monitor\$3)) and ((operations adj administration adj maintenance adj2 provisioning) or ("OAM&P") or ("OAM and P") or (OAMP)) and (((370/215-219) or (370/222-225) or (370/238) or (370/242) or (370/319) or (370/337) or (370/474) or (370/476) or (370/501) or (370/503) or (370/505) or (370/516) or (370/517) or (370/535-544) or (370/557) or (370/907)).CCLS.)	US-PGPUB; USPAT	OR	ON	2004/11/16 20:09

S59	118	multiplexer and demultiplexer and SONET and ("coding violation") or ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation") or ("signal degradation rate") or ("signal degrade") or ("signal degrade rate") or ("error message") or ("protection switching") or (failover) or (performance near1 monitor\$3)) and (((370/215-219) or (370/222-225) or (370/238) or (370/242) or (370/319) or (370/337) or (370/474) or (370/476) or (370/501) or (370/503) or (370/505) or (370/516) or (370/517) or (370/535-544) or (370/557) or (370/907)).CCLS.)	US-PGPUB; USPAT	OR	ON	2004/11/16 20:09
S60	18	multiplexer and demultiplexer and SONET and ("coding violation") or ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation") or ("signal degradation rate") or ("signal degrade") or ("signal degrade rate") or ("error message") or ("protection switching") or (failover) or (performance near1 monitor\$3)) and ((operations adj administration adj maintenance adj2 provisioning) or ("OAM&P") or ("OAM and P") or (OAMP) or (OAM)) and (overhead) and (((370/215-219) or (370/222-225) or (370/238) or (370/242) or (370/319) or (370/337) or (370/474) or (370/476) or (370/501) or (370/503) or (370/505) or (370/516) or (370/517) or (370/535-544) or (370/557) or (370/907)).CCLS.)	US-PGPUB; USPAT	OR	ON	2004/11/16 20:09

S61	15517	((370/215-219) or (370/222-225) or (370/238) or (370/242) or (370/241.1) or (370/252) or (370/319) or (370/337) or (370/474) or (370/476) or (370/501) or (370/503) or (370/505) or (370/516) or (370/517) or (370/535-544) or (370/557) or (370/907) or (398/1) or (398/2) or (398/5) or (398/7) or (398/8) or (398/10) or (398/27) or (714/4) or (714/47) or (714/48) or (714/51) or (714/704) or (714/708) or (714/712)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/16 20:09
S62	316	multiplexer and demultiplexer and SONET and (("coding violation") or ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation") or ("signal degradation rate") or ("signal degrade") or ("signal degrade rate") or ("error message") or ("protection switching") or (failover) or (performance near1 monitor\$3)) and ((operations adj administration adj maintenance adj2 provisioning) or ("OAM&P") or ("OAM and P") or (OAMP) or (OAM) or (overhead))	US-PGPUB; USPAT	OR	ON	2004/11/16 20:09
S63	3	multiplexer and demultiplexer and SONET and (("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation rate")) and (("transparent multiplexer") or ("t-mux"))	US-PGPUB; USPAT	OR	ON	2004/11/16 20:09

S64	391	multiplexer and demultiplexer and SONET and (("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation rate") or ("error message"))	US-PGPUB; USPAT	OR	ON	2004/11/16 20:09
S65	391	multiplexer and demultiplexer and SONET and (("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation rate") or ("error message"))	US-PGPUB; USPAT	OR	ON	2004/11/16 20:09
S66	25	multiplexer and demultiplexer and SONET and (("coding violation") or ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation") or ("signal degradation rate") or ("signal degrade") or ("signal degrade rate") or ("error message") or ("protection switching") or (failover) or (performance near1 monitor\$3)) and ((operations adj administration adj maintenance adj2 provisioning) or ("OAM&P") or ("OAM and P") or (OAMP))	US-PGPUB; USPAT	OR	ON	2004/11/16 20:09

S67	40	multiplexer and demultiplexer and SONET and ("coding violation") or ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation") or ("signal degradation rate") or ("signal degrade") or ("signal degrade rate") or ("error message") or ("protection switching") or (failover) or (performance near1 monitor\$3)) and ((operations adj administration adj maintenance adj2 provisioning) or ("OAM&P") or ("OAM and P") or (OAMP) or (OAM)) and (overhead)	US-PGPUB; USPAT	OR	ON	2004/11/16 20:09
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S68	121	(((370/215-219) or (370/222-225) or (370/238) or (370/242) or (370/241.1) or (370/252) or (370/319) or (370/337) or (370/474) or (370/476) or (370/501) or (370/503) or (370/505) or (370/516) or (370/517) or (370/535-544) or (370/557) or (370/907) or (398/1) or (398/2) or (398/5) or (398/7) or (398/8) or (398/10) or (398/27) or (714/4) or (714/47) or (714/48) or (714/51) or (714/704) or (714/708) or (714/712)).CCLS.) and (multiplexer and demultiplexer and SONET and (("coding violation") or ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation") or ("signal degradation rate") or ("signal degrade") or ("signal degrade rate") or ("error message") or ("protection switching") or (failover) or (performance near1 monitor\$3)) and ((operations adj administration adj maintenance adj2 provisioning) or ("OAM&P") or ("OAM and P") or (OAMP) or (OAM) or (overhead)))	US-PGPUB; USPAT	OR	ON	2004/11/16 20:09
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S69	29	(((370/215-219) or (370/222-225) or (370/238) or (370/242) or (370/241.1) or (370/252) or (370/319) or (370/337) or (370/474) or (370/476) or (370/501) or (370/503) or (370/505) or (370/516) or (370/517) or (370/535-544) or (370/557) or (370/907) or (398/1) or (398/2) or (398/5) or (398/7) or (398/8) or (398/10) or (398/27) or (714/4) or (714/47) or (714/48) or (714/51) or (714/704) or (714/708) or (714/712)).CCLS.) and (multiplexer and demultiplexer and SONET and (("coding violation") or ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation") or ("signal degradation rate") or ("signal degrade") or ("signal degrade rate") or ("error message") or ("protection switching") or (failover) or (performance near1 monitor\$3)) and ((operations adj administration adj maintenance adj2 provisioning) or ("OAM&P") or ("OAM and P") or (OAMP) or (OAM)))	US-PGPUB; USPAT	OR	ON	2004/11/16 20:09
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S70	3	(((370/215-219) or (370/222-225) or (370/238) or (370/242) or (370/241.1) or (370/252) or (370/319) or (370/337) or (370/474) or (370/476) or (370/501) or (370/503) or (370/505) or (370/516) or (370/517) or (370/535-544) or (370/557) or (370/907) or (398/1) or (398/2) or (398/5) or (398/7) or (398/8) or (398/10) or (398/27) or (714/4) or (714/47) or (714/48) or (714/51) or (714/704) or (714/708) or (714/712)).CCLS.) and (multiplexer and demultiplexer and SONET and (("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation rate"))) and (("transparent multiplexer") or ("t-mux")))	US-PGPUB; USPAT	OR	ON	2004/11/16 20:09
S71	90	(((370/215-219) or (370/222-225) or (370/238) or (370/242) or (370/241.1) or (370/252) or (370/319) or (370/337) or (370/474) or (370/476) or (370/501) or (370/503) or (370/505) or (370/516) or (370/517) or (370/535-544) or (370/557) or (370/907) or (398/1) or (398/2) or (398/5) or (398/7) or (398/8) or (398/10) or (398/27) or (714/4) or (714/47) or (714/48) or (714/51) or (714/704) or (714/708) or (714/712)).CCLS.) and (multiplexer and demultiplexer and SONET and (("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation rate") or ("error message")))	US-PGPUB; USPAT	OR	ON	2004/11/16 20:09

S72	90	(((370/215-219) or (370/222-225) or (370/238) or (370/242) or (370/241.1) or (370/252) or (370/319) or (370/337) or (370/474) or (370/476) or (370/501) or (370/503) or (370/505) or (370/516) or (370/517) or (370/535-544) or (370/557) or (370/907) or (398/1) or (398/2) or (398/5) or (398/7) or (398/8) or (398/10) or (398/27) or (714/4) or (714/47) or (714/48) or (714/51) or (714/704) or (714/708) or (714/712)).CCLS.) and (multiplexer and demultiplexer and SONET and ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation rate") or ("error message")))	US-PGPUB; USPAT	OR	ON	2004/11/16 20:09
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S73	12	(((370/215-219) or (370/222-225) or (370/238) or (370/242) or (370/241.1) or (370/252) or (370/319) or (370/337) or (370/474) or (370/476) or (370/501) or (370/503) or (370/505) or (370/516) or (370/517) or (370/535-544) or (370/557) or (370/907) or (398/1) or (398/2) or (398/5) or (398/7) or (398/8) or (398/10) or (398/27) or (714/4) or (714/47) or (714/48) or (714/51) or (714/704) or (714/708) or (714/712)).CCLS.) and (multiplexer and demultiplexer and SONET and (("coding violation") or ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation") or ("signal degradation rate") or ("signal degrade") or ("signal degrade rate") or ("error message") or ("protection switching") or (failover) or (performance near1 monitor\$3)) and ((operations adj administration adj maintenance adj2 provisioning) or ("OAM&P") or ("OAM and P") or (OAMP)))	US-PGPUB; USPAT	OR	ON	2004/11/16 20:09
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S74	23	(((370/215-219) or (370/222-225) or (370/238) or (370/242) or (370/241.1) or (370/252) or (370/319) or (370/337) or (370/474) or (370/476) or (370/501) or (370/503) or (370/505) or (370/516) or (370/517) or (370/535-544) or (370/557) or (370/907) or (398/1) or (398/2) or (398/5) or (398/7) or (398/8) or (398/10) or (398/27) or (714/4) or (714/47) or (714/48) or (714/51) or (714/704) or (714/708) or (714/712)).CCLS.) and (multiplexer and demultiplexer and SONET and (("coding violation") or ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation") or ("signal degradation rate") or ("signal degrade") or ("signal degrade rate") or ("error message") or ("protection switching") or (failover) or (performance near1 monitor\$3)) and ((operations adj administration adj maintenance adj2 provisioning) or ("OAM&P") or ("OAM and P") or (OAMP) or (OAM)) and (overhead))	US-PGPUB; USPAT	OR	ON	2004/11/16 20:09
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S75	53	<p>multiplexer and demultiplexer and SONET and ("coding violation") or ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation") or ("signal degradation rate") or ("signal degrade") or ("signal degrade rate") or ("error message") or ("protection switching") or (failover) or (performance near1 monitor\$3)) and ((operations adj administration adj maintenance adj2 provisioning) or ("OAM&P") or ("OAM and P") or (OAMP) or (OAM))</p>	US-PGPUB; USPAT	OR	ON	2004/11/16 20:09
S76	50	<p>multiplexer and demultiplexer and SONET and optical and ("coding violation") or ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation") or ("signal degradation rate") or ("signal degrade") or ("signal degrade rate") or ("error message") or ("protection switching") or (failover) or (performance near1 monitor\$3)) and ((operations adj administration adj maintenance adj2 provisioning) or ("OAM&P") or ("OAM and P") or (OAMP) or (OAM))</p>	US-PGPUB; USPAT	OR	ON	2004/11/16 20:09

S77	5	multiplexer and demultiplexer and SONET and optical and ("coding violation") or ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation") or ("signal degradation rate") or ("signal degrade") or ("signal degrade rate") or ("error message") or ("protection switching") or (failover) or (performance near1 monitor\$3)) and ((operations adj administration adj maintenance adj2 provisioning) or ("OAM&P") or ("OAM and P") or (OAMP) or (OAM)) and ((bit near1 interleaved near1 parity) or (BIP) or (BIP-8))	US-PGPUB; USPAT	OR	ON	2004/11/16 20:09
S78	8	multiplexer and demultiplexer and SONET and optical and ("coding violation") or ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation") or ("signal degradation rate") or ("signal degrade") or ("signal degrade rate") or ("error message") or ("protection switching") or (failover) or (performance near1 monitor\$3)) and ((operations adj administration adj maintenance adj2 provisioning) or ("OAM&P") or ("OAM and P") or (OAMP) or (OAM)) and ((bit near1 interleaved near1 parity) or (parity near2 bit near2 field) or (BIP) or (BIP-8))	US-PGPUB; USPAT	OR	ON	2004/11/16 20:09

S79	206	multiplexer and demultiplexer and SONET and optical and ("coding violation") or ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation") or ("signal degradation rate") or ("signal degrade") or ("signal degrade rate") or ("error message")) and ((bit near1 interleaved near1 parity) or (parity near2 bit near2 field) or (BIP) or (BIP-8) or (B1) or (B2) or (B3))	US-PGPUB; USPAT	OR	ON	2004/11/16 20:09
S80	38	multiplexer and demultiplexer and SONET and optical and ("coding violation") or ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation") or ("signal degradation rate") or ("signal degrade") or ("signal degrade rate") or ("error message")) and ((bit near1 interleaved near1 parity) or (parity near2 bit near2 field) or (BIP) or (BIP-8) or (B1) or (B2) or (B3)) and (STS-1)	US-PGPUB; USPAT	OR	ON	2004/11/16 20:09
S81	7	((("5216666") or ("5283785") or ("5434858") or ("5436890") or ("5579323") or ("6298038") or ("5841760"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/16 20:09
S82	5	"6298038".URPN.	USPAT	OR	ON	2004/11/16 20:09
S83	371	multiplexer and demultiplexer and SONET and ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ration") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation rate"))	US-PGPUB; USPAT	OR	ON	2004/11/22 11:59

S84	371	multiplexer and demultiplexer and SONET and ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation rate"))	US-PGPUB; USPAT	OR	ON	2004/11/22 11:59
S85	0	multiplexer and demultiplexer and SONET and ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation rate")) and ("SD message")	US-PGPUB; USPAT	OR	ON	2004/11/22 11:59
S86	3	multiplexer and demultiplexer and SONET and ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation rate")) and ("transparent multiplexer" or ("t-mux"))	US-PGPUB; USPAT	OR	ON	2004/11/22 11:59
S87	8009	((370/215-219) or (370/222-225) or (370/238) or (370/242) or (370/319) or (370/337) or (370/501) or (370/503) or (370/505) or (370/516) or (370/517) or (370/535-543) or (370/557)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/22 11:59
S88	8089	((370/215-219) or (370/222-225) or (370/238) or (370/242) or (370/319) or (370/337) or (370/501) or (370/503) or (370/505) or (370/516) or (370/517) or (370/535-543) or (370/557) or (370/907)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/22 11:59

S89	9264	((370/215-219) or (370/222-225) or (370/238) or (370/242) or (370/319) or (370/337) or (370/474) or (370/476) or (370/501) or (370/503) or (370/505) or (370/516) or (370/517) or (370/535-544) or (370/557) or (370/907)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/22 11:59
S90	52	multiplexer and demultiplexer and SONET and ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation rate")) and (((370/215-219) or (370/222-225) or (370/238) or (370/242) or (370/319) or (370/337) or (370/474) or (370/476) or (370/501) or (370/503) or (370/505) or (370/516) or (370/517) or (370/535-544) or (370/557) or (370/907)).CCLS.)	US-PGPUB; USPAT	OR	ON	2004/11/22 11:59
S91	114	multiplexer and demultiplexer and SONET and ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation rate") or ("error message") or ("protection switching") or (failover) or (performance near1 monitor\$3)) and (((370/215-219) or (370/222-225) or (370/238) or (370/242) or (370/319) or (370/337) or (370/474) or (370/476) or (370/501) or (370/503) or (370/505) or (370/516) or (370/517) or (370/535-544) or (370/557) or (370/907)).CCLS.)	US-PGPUB; USPAT	OR	ON	2004/11/22 11:59

S92	119	multiplexer and demultiplexer and SONET and ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation") or ("signal degradation rate") or ("signal degrade") or ("signal degrade rate") or ("error message") or ("protection switching") or (failover) or (performance near1 monitor\$3)) and (((370/215-219) or (370/222-225) or (370/238) or (370/242) or (370/319) or (370/337) or (370/474) or (370/476) or (370/501) or (370/503) or (370/505) or (370/516) or (370/517) or (370/535-544) or (370/557) or (370/907)).CCLS.)	US-PGPUB; USPAT	OR	ON	2004/11/22 11:59
S93	120	multiplexer and demultiplexer and SONET and ("coding violation") or ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation") or ("signal degradation rate") or ("signal degrade") or ("signal degrade rate") ("SD") or ("SD message") or ("error message") or ("protection switching") or (failover) or (performance near1 monitor\$3)) and (((370/215-219) or (370/222-225) or (370/238) or (370/242) or (370/319) or (370/337) or (370/474) or (370/476) or (370/501) or (370/503) or (370/505) or (370/516) or (370/517) or (370/535-544) or (370/557) or (370/907)).CCLS.)	US-PGPUB; USPAT	OR	ON	2004/11/22 11:59

S94	0	multiplexer and demultiplexer and SONET and ("coding violation") or ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation") or ("signal degradation rate") or ("signal degrade") or ("signal degrade rate") or ("SD") or ("SD message") or ("error message") or ("protection switching") or (failover) or (performance near1 monitor\$3)) and (((B adj "3") adj (message)) or (SD adj message)) and (((370/215-219) or (370/222-225) or (370/238) or (370/242) or (370/319) or (370/337) or (370/474) or (370/476) or (370/501) or (370/503) or (370/505) or (370/516) or (370/517) or (370/535-544) or (370/557) or (370/907)).CCLS.)	US-PGPUB; USPAT	OR	ON	2004/11/22 11:59
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S95	21	multiplexer and demultiplexer and SONET and ("coding violation") or ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation") or ("signal degradation rate") or ("signal degrade") or ("signal degrade rate") or ("error message") or ("protection switching") or (failover) or (performance near1 monitor\$3)) and ((operations adj administration adj maintenance adj2 provisioning) or ("OAM&P") or ("OAM and P") or (OAMP) or (OAM)) and (((370/215-219) or (370/222-225) or (370/238) or (370/242) or (370/319) or (370/337) or (370/474) or (370/476) or (370/501) or (370/503) or (370/505) or (370/516) or (370/517) or (370/535-544) or (370/557) or (370/907)).CCLS.)	US-PGPUB; USPAT	OR	ON	2004/11/22 11:59
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S96	98	multiplexer and demultiplexer and SONET and (("coding violation") or ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation") or ("signal degradation rate") or ("signal degrade") or ("signal degrade rate") or ("error message") or ("protection switching") or (failover) or (performance near1 monitor\$3)) and ((operations adj administration adj maintenance adj2 provisioning) or ("OAM&P") or ("OAM and P") or (OAMP) or (OAM) or (overhead)) and (((370/215-219) or (370/222-225) or (370/238) or (370/242) or (370/319) or (370/337) or (370/474) or (370/476) or (370/501) or (370/503) or (370/505) or (370/516) or (370/517) or (370/535-544) or (370/557) or (370/907)).CCLS.)	US-PGPUB; USPAT	OR	ON	2004/11/22 11:59
S97	3	multiplexer and demultiplexer and SONET and (("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation rate"))) and (((("transparent multiplexer") or ("t-mux"))	US-PGPUB; USPAT	OR	ON	2004/11/22 11:59

S98	56	<p>multiplexer and demultiplexer and SONET and ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation rate") or ("error message")) and (((370/215-219) or (370/222-225) or (370/238) or (370/242) or (370/319) or (370/337) or (370/474) or (370/476) or (370/501) or (370/503) or (370/505) or (370/516) or (370/517) or (370/535-544) or (370/557) or (370/907)).CCLS.)</p>	US-PGPUB; USPAT	OR	ON	2004/11/22 11:59
S99	7	<p>multiplexer and demultiplexer and SONET and ("coding violation") or ("bit error rate") or (BER) or ("error rate") or ("cell error rate") or ("data error rate") or ("frame error rate") or ("superframe error rate") or ("bit error count") or ("error count") or ("signal to noise ratio") or (SNR) or ("noise rate") or ("noise count") or ("signal degradation") or ("signal degradation rate") or ("signal degrade") or ("signal degrade rate") or ("error message") or ("protection switching") or (failover) or (performance near1 monitor\$3)) and ((operations adj administration adj maintenance adj2 provisioning) or ("OAM&P") or ("OAM and P") or (OAMP)) and (((370/215-219) or (370/222-225) or (370/238) or (370/242) or (370/319) or (370/337) or (370/474) or (370/476) or (370/501) or (370/503) or (370/505) or (370/516) or (370/517) or (370/535-544) or (370/557) or (370/907)).CCLS.)</p>	US-PGPUB; USPAT	OR	ON	2004/11/22 11:59